RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/588,995_

Source: _1FWP_

Date Processed by STIC: _8/18/06_

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RAW SEQUENCE LISTING   DATE: 08/18/2006
PATENT APPLICATION: US/10/588,975   TIME: 15:42:19

Input Set : A:\004974.01213 SEQUENCE LISTING.TXT
Output Set: N:\CRF4\08182006\J588975.raw

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       3 <110> APPLICANT: Bayer HealthCare AG
       5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases
Associated with
       6          Kallikrein 6 (KLK6)
       8 <130> FILE REFERENCE: 004974.01213
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/588,975
C--> 10 <141> CURRENT FILING DATE: 2006-08-10
      10 <160> NUMBER OF SEQ ID NOS: 5
      12 <170> SOFTWARE: PatentIn version 3.2
      14 <210> SEQ ID NO: 1
      15 <211> LENGTH: 1506
      16 <212> TYPE: DNA
      17 <213> ORGANISM: Homo sapiens
      19 <400> SEQUENCE: 1
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      21 agcccggggc aggggcgggg gccagtgtgg tgacacacgc tgtagctgtc tccccggctg     120
      22 gctggctcgc tctctcctgg ggacacagag gtcggcaggc agcacacaga gggacctacg     180
      23 ggcagctgtt ccttcccccg actcaagaat ccccggaggc ccggaggcct gcagcaggag     240
      24 cggccatgaa gaagctgatg gtggtgctga gtctgattgc tgcagcctgg cagaggagc      300
      25 agaataagtt ggtgcatggc ggaccctgcg acaagacatc tcacccctac caagctgccc     360
      26 tctacacctc gggccacttg ctctgtggtg gggtccttat ccatccactg tgggtcctca     420
      27 cagctgccca ctgcaaaaaa ccgaatcttc aggtcttcct ggggaagcat aaccttcggc     480
      28 aaagggagag ttcccaggag cagagttctg ttgtccgggc tgtgatccac cctgactatg     540
      29 atgccgccag ccatgaccag gacatcatgc tgttgcgcct ggcacgccca gccaaactct     600
      30 ctgaactcat ccagcccctt cccctggaga gggactgctc agccaacacc accagctgcc     660
      31 acatcctggg ctggggcaag acagcagatg gtgatttccc tgacaccatc cagtgtgcat     720
      32 acatccacct ggtgtcccgt gaggagtgtg agcatgccta ccctggccag atcacccaga     780
      33 acatgttgtg tgctggggat gagaagtacg ggaaggattc ctgccagggt gattctgggg     840
      34 gtccgctggt atgtggagac cacctccgag gccttgtgtc atggggtaac atccctgtg      900
      35 gatcaaagga gaagccagga gtctacacca acgtctgcag atacacgaac tggatccaaa     960
      36 aaaccattca ggccaagtga ccctgacatg tgacatctac ctcccgacct accaccccac    1020
      37 tggctggttc cagaacgtct ctcacctaga ccttgcctcc cctcctctcc tgcccagctc    1080
      38 tgaccctgat gcttaataaa cgcagcgacg tgagggtcct gattctccct ggttttaccc    1140
      39 cagctccatc cttgcatcac tggggaggac gtgatgagtg aggacttggg tcctcggtct    1200
      40 taccccacc actaagagaa tacaggaaaa tcccttctag gcatctcctc tccccaaccc    1260
      41 ttccacacgt ttgatttctt cctgcagagg cccagccacg tgtctggaat cccagctccg    1320
      42 ctgcttactg tcggtgtccc cttgggatgt acctttcttc actgcagatt tctcacctgt    1380
      43 aagatgaaga taaggatgat acagtctcca tcaggcagtg ctgttggaa agatttaaga    1440
      44 tttcacacct atgacataca tgggatagca cctgggccgc catgcactca ataaagaatg    1500
      45 tatttt                                                              1506
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      48 <211> LENGTH: 244
      49 <212> TYPE: PRT
      50 <213> ORGANISM: Homo sapiens
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55 Glu Glu Gln Asn Lys Leu Val His Gly Gly Pro Cys Asp Lys Thr Ser
56   20   25   30
57 His Pro Tyr Gln Ala Ala Leu Tyr Thr Ser Gly His Leu Leu Cys Gly
58   35   40   45
59 Gly Val Leu Ile His Pro Leu Trp Val Leu Thr Ala Ala His Cys Lys
60   50   55   60
61 Lys Pro Asn Leu Gln Val Phe Leu Gly Lys His Asn Leu Arg Gln Arg
62 65   70   75   80
63 Glu Ser Ser Gln Glu Gln Ser Ser Val Val Arg Ala Val Ile His Pro
64   85   90   95
65 Asp Tyr Asp Ala Ala Ser His Asp Gln Asp Ile Met Leu Leu Arg Leu
66   100   105   110
67 Ala Arg Pro Ala Lys Leu Ser Glu Leu Ile Gln Pro Leu Pro Leu Glu
68   115   120   125
69 Arg Asp Cys Ser Ala Asn Thr Thr Ser Cys His Ile Leu Gly Trp Gly
70   130   135   140
71 Lys Thr Ala Asp Gly Asp Phe Pro Asp Thr Ile Gln Cys Ala Tyr Ile
72 145   150   155   160
73 His Leu Val Ser Arg Glu Glu Cys Glu His Ala Tyr Pro Gly Gln Ile
74   165   170   175
75 Thr Gln Asn Met Leu Cys Ala Gly Asp Glu Lys Tyr Gly Lys Asp Ser
76   180   185   190
77 Cys Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Asp His Leu Arg
78   195   200   205
79 Gly Leu Val Ser Trp Gly Asn Ile Pro Cys Gly Ser Lys Glu Lys Pro
80   210   215   220
81 Gly Val Tyr Thr Asn Val Cys Arg Tyr Thr Asn Trp Ile Gln Lys Thr
82 225   230   235   240
83 Ile Gln Ala Lys
86 <210> SEQ ID NO: 3
87 <211> LENGTH: 20
88 <212> TYPE: DNA
89 <213> ORGANISM: artificial sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: forward primer
94 <400> SEQUENCE: 3
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97 <210> SEQ ID NO: 4
98 <211> LENGTH: 20
99 <212> TYPE: DNA
100 <213> ORGANISM: artificial sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: reverse primer
105 <400> SEQUENCE: 4
106 aggacccaca gtggatggat   20
108 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING   DATE: 08/18/2006
PATENT APPLICATION: **US/10/588,975**   TIME: 15:42:20

Input Set : **A:\004974.01213 SEQUENCE LISTING.TXT**
Output Set: **N:\CRF4\08182006\J588975.raw**

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109 <211> LENGTH: 24
110 <212> TYPE: DNA
111 <213> ORGANISM: artificial sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: probe
116 <400> SEQUENCE: 5
117 cacttgctct gtggtggggt cctt                                   24
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VERIFICATION SUMMARY   DATE: 08/18/2006
PATENT APPLICATION: **US/10/588,975**   TIME: 15:42:21

Input Set : **A:\004974.01213 SEQUENCE LISTING.TXT**
Output Set: **N:\CRF4\08182006\J588975.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date